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- (71) Applicant (for all designated States except US): **SPECIALTY MINERALS (MICHIGAN) INC. [US/US];**  
30600 Telegraph Road, Bingham Farms, MI 48025 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **ERDMAN, Gerald, Dean [US/US];** 635 Wisteria Avenue, Reading, PA 19606 (US).
- (74) Agent: **POWELL, Marvin, J.;** Minerals Technologies Inc., 1 Highland Avenue, Bethlehem, PA 18017 (US).
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**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)*
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(54) Title: **PROCESS FOR THE PRODUCTION OF PRECIPITATED CALCIUM CARBONATES AND PRODUCT PRODUCED THEREBY**

(57) Abstract: A process for producing precipitated calcium carbonate, including the steps of providing calcium hydroxyde, and carbonating the calcium hydroxyde with carbon dioxide gas and communicating for a time sufficient to produce a calcium carbonate having at least about a 90 weight percent conversion to calcium carbonate and having a solids concentration of at least about 90 weight percent. Also, a process for producing precipitated calcium carbonate, including the steps of providing calcium hydroxide, carbonating the calcium hydroxide with carbon dioxide gas for a time sufficient to at least partially convert the calcium hydroxide to calcium carbonate, comminuting the at least partially converted calcium hydroxide, and sequentially repeating steps of carbonating and comminuting for a time sufficient to substantially convert the calcium hydroxide to calcium carbonate having at least about a 90 weight percent conversion to calcium carbonate and having a solids concentration of at least about 90 weight percent.